ISO 2409:2020 (E)

Paints and varnishes — Cross-cut test

Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 Principle

5 Apparatus

5.1 General
5.2 Cutting tool
5.2.1 General requirements
5.2.2 Single-blade cutting tools
5.2.3 Multi-blade cutting tools
5.3 Guiding and spacing edges
5.4 Viewing lens

6 Sampling

7 Test specimen

7.1 Substrate
7.2 Thickness of coating

8 Procedure

8.1 General
8.1.1 Test conditions
8.1.2 Conditioning of the test panels
8.1.3 Number of cuts
8.1.4 Spacing of cuts
8.1.5 Number of determinations
8.2 Cutting the coating using the manual procedure
8.3 Cutting the coating using a motor-driven tool

9 Evaluation and expression of results

10 Designation of the test result

11 Precision

11.1 Repeatability limit, r
11.2 Reproducibility limit, R

12 Test report

Annex A (informative) Examples of suitable procedures for removing loose paint

A.1 General
A.2 Brushing
A.3 Using pressure-sensitive adhesive tape
A.4 Using compressed air or nitrogen

Page count: 14